

MMS Alaska OCS Region Technical Announcement

January 31, 2003

**Environmental Sensitivity
Index Shoreline Classification
of the Alaskan Beaufort Sea
and Chukchi Sea**

The Minerals Management Service (MMS) recently released an Environmental Study report entitled *Environmental Sensitivity Index Shoreline Classification of the Alaska Beaufort Sea and Chukchi Sea*. The Environmental Sensitivity Index (ESI) is an estimate of the sensitivity of shoreline segments to environmental pollutants, based on potential persistence. The Beaufort Sea was mapped between the Colville River and Point Barrow to the west and between the Canning River and the Canadian border to the east. The Chukchi Sea was mapped from Point Barrow to Point Hope. For the Beaufort Sea, the primary and secondary shoreline types were entered into a database that was linked to the shoreline segment on each map. For the Chukchi Sea, the shoreline classification was marked directly on the topographic maps. For both areas the shoreline classifications were determined and digitized using national mapping standard methods.

For Information:

This report, OCS Study MMS 2003-006, is available on compact disk (CD) from the Minerals Management Service, Alaska OCS Region, Information Resource Center, 949 East 36th Avenue, Suite 330, Anchorage, Alaska 99508-4363. Copies are available free of charge, as long as the supply lasts, from the above address or can be downloaded from www.mms.gov/alaska/ref/pubsreadingroom.htm. Telephone requests may be placed at 1-800-764-2627 or (907) 271-6438. E-Mail requests may be posted to akwebmaster@mms.gov. Once the limited supply is gone, copies will be available from the National Technical Information Service, Springfield, Virginia 22161, or may be inspected at selected Federal Depository Libraries.